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Reviewer: Durreshwar Anjum

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Application No: 10565591 Version No: 1.0

Input Set:

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No. of SeqIDs Defined: 5
Actual SeqID Count: 5

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<110> KARAOLIS, David K.R.

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<140> 10565591

<141> 2007-05-25

<150> NOT YET ASSIGNED

<151> 2004-07-22

<150> 60/490,029

<151> 2003-07-25

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<170> PatentIn version 3.2

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Thr Ser His Ser Pro Phe Phe Phe Ala Ile Leu Asn Asp Gln His Gln
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 Tyr Val Met Val Asn Glu Arg Tyr Cys Asp Ile Ala Gly Leu Ser Ser
 35 40 45

gaa gag atg gtc ggg atg agc gat agt cag gtt ctg ggc gaa cat ttt 192
Glu Glu Met Val Gly Met Ser Asp Ser Gln Val Leu Gly Glu His Phe
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Ile Glu Ser Glu Leu Thr Leu Ser Glu Ile Asp Leu Glu Thr Ser Leu
85 90 95

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His Phe Ser Leu Ser Pro Ile Met Ile Asn Asp Arg Val Gln Tyr Leu	
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Val Phe His Ala Ile Asp Thr Ser Glu Lys Gln Ile Leu Val Arg Ser	
115 120 125	
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Leu Glu Glu Ser Glu Ser Lys Tyr Ala Leu Leu Thr Thr Leu Leu Pro	
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Ser Ala Ala Arg Leu Leu Gly Phe Asp Asp Ala Gln Lys Leu Leu Gly	
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acc ggg cca agg tgt ggg ttt gaa cgg aaa atc cag tta cac gca ggt	672
Thr Gly Pro Arg Cys Gly Phe Glu Arg Lys Ile Gln Leu His Ala Gly	
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Cys Thr Ser Leu Leu Gly Asn Gln Ser Gln Leu Ile Leu Leu Gln Asp	
225 230 235 240	
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Ala Asp Glu Ala Pro Lys Gln Phe Ser Ala Thr Thr Gln Val Asp Ala	
245 250 255	
cat att gat agc ctc act ggg ctg tat aac cga cac ggg ttt acc aag	816
His Ile Asp Ser Leu Thr Gly Leu Tyr Asn Arg His Gly Phe Thr Lys	
260 265 270	
cgc tta gag cag tgc atc caa aat gag acg cct ttg gtt atg ctc tat	864
Arg Leu Glu Gln Cys Ile Gln Asn Glu Thr Pro Leu Val Met Leu Tyr	
275 280 285	
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Leu Asp Ile Asp Asn Phe Lys Asn Ile Asn Asp Ser Leu Gly His His	
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Ile Gly Asp Lys Val Ile Lys Glu Val Ala Ala Arg Leu Lys Arg Leu	
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Gly Asn Asp Ala Arg Val Leu Leu Gln Asn Ala Asp Thr Ala Met Tyr	
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Met Asn Lys Glu Ala Arg Met Arg Leu Trp Leu Glu Ile Glu Leu Gln	
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Lys Ala Leu Gln Gln Asn Gly Leu Glu Val Trp Tyr Gln Pro Lys Val	
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aac gcg cgt gat ttt agc atc aat ggc gca gaa gcc ttg gta cgc tgg	1392
Asn Ala Arg Asp Phe Ser Ile Asn Gly Ala Glu Ala Leu Val Arg Trp	
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aaa cat ccc gtt gaa ggc tat atc agc cca ggt gct ttc att ccc gtt	1440
Lys His Pro Val Glu Gly Tyr Ile Ser Pro Gly Ala Phe Ile Pro Val	
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gaa gtc ttc gcg acc gtc aag cgc tgg aag cta caa ggc att tta ccc	1536
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gga cgt gtg gcg atc aac atc tcc ccc gag cag ttt ggc aat cct caa	1584
Gly Arg Val Ala Ile Asn Ile Ser Pro Glu Gln Phe Gly Asn Pro Gln	
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ctg att gat tat tta gaa aaa cta ctg cga aca act ggg cta gat ccc	1632
Leu Ile Asp Tyr Leu Glu Lys Leu Leu Arg Thr Thr Gly Leu Asp Pro	
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Asn Asn Ile Thr Phe Glu Leu Thr Glu Ser Val Val Met Ser Asp Ser	

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Ala Arg Phe Pro Ile Asp Glu Leu Lys Ile Asp Arg Ala Phe Ile Ser				
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Glu Glu Met Val Gly Met Ser Asp Ser Gln Val Leu Gly Glu His Phe
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Val	Phe	His	Ala	Ile	Asp	Thr	Ser	Glu	Lys	Gln	Ile	Leu	Val	Arg	Ser	115	120	125	
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Ala	Asp	Glu	Ala	Pro	Lys	Gln	Phe	Ser	Ala	Thr	Thr	Gln	Val	Asp	Ala	245	250	255	
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Asp Arg Ile Ile Ser Leu Ile Asn Gln Pro Phe Asp Leu His His Phe
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Ser Lys Arg Leu Ala Cys Ser Ile Gly Ser Val Arg Tyr Pro Gly Asp
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Gly Asn Asp Ala Arg Val Leu Leu Gln Asn Ala Asp Thr Ala Met Tyr
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Glu Ala Lys Glu Arg Gly Arg Asn Arg Leu Ile Lys Phe Asn Asp Gln
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515

520

525

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